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Substitute for form 1449 A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number: 10/018,062

Filing Date: 05/05/2000

First Named Inventor: Beams

Group Art Unit: 2121

Examiner Name: Ms. HOCUMES

Attorney Docket Number: 05222.00183

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Sheet 1 of 14

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MBAL		US-4,622,013	11/11/1986	Cherchio	
MBAL		US- 4,874,784	10/17/1989	Clancey	
MBAL		US- 4,981,766	01/02/1990	Derr, et al.	
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MBAL		US- 5,326,270	07/05/1994	Ostby, et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
MBAL		EP 0 689 132 A2	12/27/95	Laffra		
MBAL		EP 0 710 942 A2	05/08/96	Siefert		
MBAL		EP 0 710 942 A2	05/08/96	Siefert		
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MBAL		WO 98/25251	06/11/98	Ho		
MBAL		WO 98/32109	07/23/98	De Lange		

Examiner Signature	<u>[Signature]</u>	Date Considered	<u>5/7/05</u>
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name: Mr. HOCMEIS

Attorney Docket Number: 05222.00183

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Sheet 2 of 14

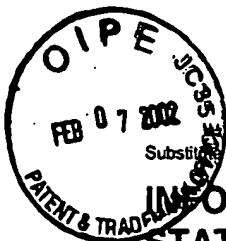
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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<u>MBAH</u>		"Evaluating the effectiveness of feedback in SQL-tutor", IEEE, proc. Int. workshop IWALT, pp 143-144	
<u>MBAH</u>		"Automated Exercise Progression in Simulation-Based Training," IEEE Trans. On Systems, Man, and Cybernetics, Vol. 24(6), pp. 863-74, June 1994	
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<u>MBAH</u>		"DDD–A Free Graphical Front-End for UNIX Debuggers," Jan. 1996, ACM Sigplan Notices, Vol. 31, No. 1, pp. 22-27	
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<u>MBAH</u>		"Developing a Design System into an Intelligent Tutoring System," Int'l J. Engr. Eud., Vol. 13(5), pp-341-46, Dec. 1997	
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Group Art Unit: ~~2121~~ 2121

Examiner Name: ~~10/018,062~~ M. HOCMEIS

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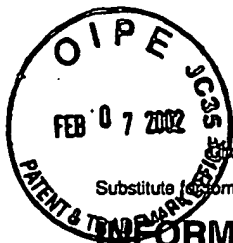
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MBAI		"Bridging the Virtual and the Physical: The InterSim as a Collaborative Support Interface," Proc. Of 1997 World Conf. On Artificial Intelligence In Education, pp. 556-58, Dec. 1997	
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MBAI		"Teaching Real-World Analysis Skills for Goal-Based Scenario," pp. 68-74	

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Group Art Unit: *n/a* *2121*

Examiner Name: *n/a* *M. HOCMTES*

Attorney Docket Number: 05222.00183

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Sheet *6* of *14*

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<i>MBEA</i>		"Artificial Intelligence and Mathematics Education" at http://www.rand.org/hot/mcarthur/Papers/aied.html	
<i>MBEA</i>		"The Roles of Artificial Intelligence in Education: Current Progress and Future Prospects" at http://www.nib.unicamp.br/recursos...education/intelligent-tutoring.html	
<i>MBEA</i>		"WITS: A Reusable Architecture for a VR-Based ITS" at http://advlearn.lrdc.pitt.edu/its-arch/papers/tam.html	
<i>MBEA</i>		"Brainmaker" at www.nplec.on.ca/~echoscan/28-04.htm	
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<i>MBEA</i>		"User-Sensitive Multimedia Presentation System," March 1, 1996, Vol. 39, No. 3, pp. 93-94	
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<i>MBEA</i>		"What are Intelligent Coaching Systems and Why are they (in)evitable?" IEEE Colloquium on Artificial Intelligence in Educational Software, pp. 2/1-2/5, June 1998	
<i>MBEA</i>		"Development of an Integrated Simulator and Real Time Plant Information System," Advances in Operational Safety of Nuclear Power Plants, Proceedings of an International Symposium 1998.	

Examiner Signature

[Handwritten Signature]

Date

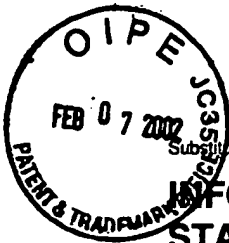
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<u>MBE</u>		"A Goal-Centered Architecture for Intelligent Tutoring Systems," Proc. Of 7th World Conf. On Artificial Intelligence In Education, pp. 307-314, Aug. 1995	
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<u>MBE</u>		"Intelligent Computer-Aided Instruction: A Survey Organized Around System Components," Jan. 1989, IEEE Inc., New York, Vol. 49, No. 1, pp. 40-57.	

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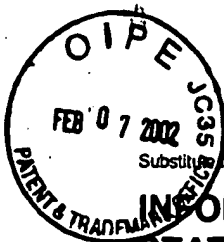
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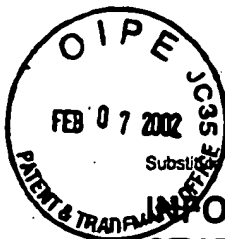
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<u>MEBA</u>		"Conducting and Supporting a Goal-Based Scenario Learning Environment," Educational Technology, Nov.-Dec. 1994	
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<u>MEBA</u>		"Socialized Collaborative Learning in Multimedia Virtual Worlds" URL: http://www.iscs.nus.edu.sg/labs/learning/ais/VRML.html ; viewed Feb. 16, 1999	
<u>MEBA</u>		Flexible Learning, Feb. 1998, Credit Union Management Vol. 21, No. 2, pp. 32-33+	
<u>MEBA</u>		"Teaching Through Case-Based Reasoning: An ITS Engine Applied to Business Communication," Proc. Of 1997 World Conf. On Artificial Intelligence In Education, pp. 111-18 Dec. 1997	
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<u>MEBA</u>		"Intelligent Tutoring Systems: An Overview" at http://www.intellectbooks.com/authors/lawler/its.htm	

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<u>MBA</u>		Computer Dictionary, 1997, pp. 264, 276, 383, 446, 462, 507.	
<u>MBA</u>		"Rule-Based Programming with OPS5" at www.mkp.com/books_catalog/O-934613-51-6.asp	
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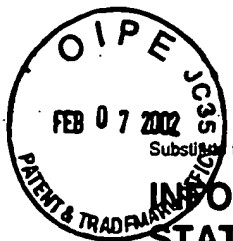
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MEH		"FinPlan System" at www.mai.org.ru/FinPlan/	
MEH		"Enhancing Simulation Education with Intelligent Tutoring Systems," Proc. Of the 1996 Winter Simulation Conf., pp. 675-80, Dec. 1996	
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MEH		"Development of a Simulation-Based Intelligent Tutoring System for Assisting PID Control Learning," Jan. 1994, IEICE Transactions on Information and Systems, E77-D, No. 1, Tokyo Japan, pp. 108-17.	
MEH		"Authoring Intelligent Tutoring Systems: An Analysis of the State of the Art" at http://www.cs.umass.edu/~tmurray/papers/ATSummary/AuthTools.html	
MEH		Multimedia Training "Get Lemonade, Not a Lemon!" June 1997, Journal for Quality and Participation vol. 20, No. 3, pp. 22-26	
MEH		"SMART Evaluation: Cognitive Diagnosis, Mastery Learning & Remediation," Proc. Of 7th World Conf. On Artificial Intelligence in Education, pp. 123-30, Aug. 1995	
MEH		"Decision Pro3.0" at www.vanguardsw.com/	

Examiner Signature	MEH B. ARLEN	Date Considered	5/7/05
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¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number : ~~no~~ 10/018,062

Filing Date: 05/05/2000

First Named Inventor: Beams

Group Art Unit: ~~not~~ 2121

Examiner Name: ~~not~~ M. HOCUTE S

Attorney Docket Number: 05222.00183

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Sheet 13 of 14

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NEA		"A Fuzzy Logic-Based Intelligent Tutoring System," Information Processing 92, Vol. II, pp. 66-72, Dec. 1992.	
NEA		"The SimQuest Authoring System for Simulation-Based Discovery Learning," Proc. Of 1997 World Conf. On Artificial Intelligence in Education, pp. 79-86, Dec. 1997	
NEA		"A Browser-Based System to Support & Deliver DE," 28th Annual Frontiers in Education Conference, Conference Proceedings, Vol. 1, Nov. 4-7, 1998	
NEA		"Goal-Based Scenarios and Business Training: A Conversation with Roger C. Schank," Educational Technology, Nov.-Dec. 1994	
NEA		"Automate Your Business Plan" at www.business-plan.com/screen2.html	
NEA		"Kiplinger TaxCut Press Releases" at http://www.taxcut.com/taxcut/98press_releases/pr98_nowshipping.html	
NEA		"TurboTax Deluxe Product Information" at http://www.intuit.com/turbotax/prodinfo/ttdlx.html	
NEA		"Why Should the Teens Have All the Best Games? Management Skill with Oil, Health, Housing Games," Computergram Int'l, June 178, 1996	
NEA		"Template Software Business Simulator, Chapter 8, August 1997	
NEA		"Template Software Workflow Simulator, Chapter 8, June 1998	
NEA		"Goal-Based Scenarios", Technical Report # 36, Northwestern University, The Institute for the Learning Sciences, December 1992, pp. 1-30	

Examiner
Signature

[Handwritten Signature]

Date
Considered

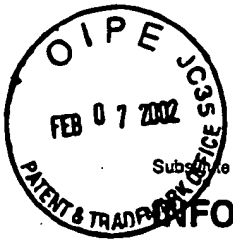
5/7/05

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Examiner Name: Mr. HOLMES

Attorney Docket Number: 05222.00183

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<u>MHB</u>		"Eight Goal-Based Scenario Tools", Technical Report # 67, Northwestern University, The Institute for the Learning Sciences, January 1996, pp. 1-37	
<u>MHB</u>		"A Role for AI in Education: Using Technology to Reshape Education", Northwestern University, The Institute for the Learning Sciences, Journal of Artificial Intelligence in Education, Winter 1990, January 1990, pp. 1-24 and 2 pgs. of references	
<u>MHB</u>		"The Design of Goal-Based Scenarios", Technical Report # 39, Northwestern University, The Institute for the Learning Sciences, March 1993, pp. 1-58	

Examiner Signature	<u>[Signature]</u>	Date Considered	<u>5/7/05</u>
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